

FIG. 1

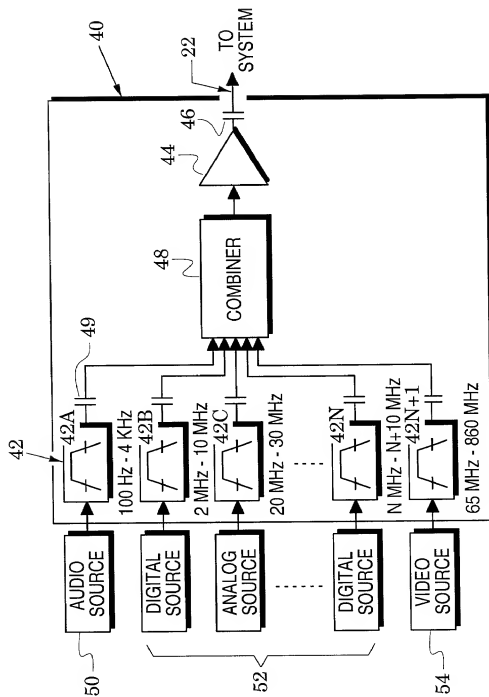


FIG. 2

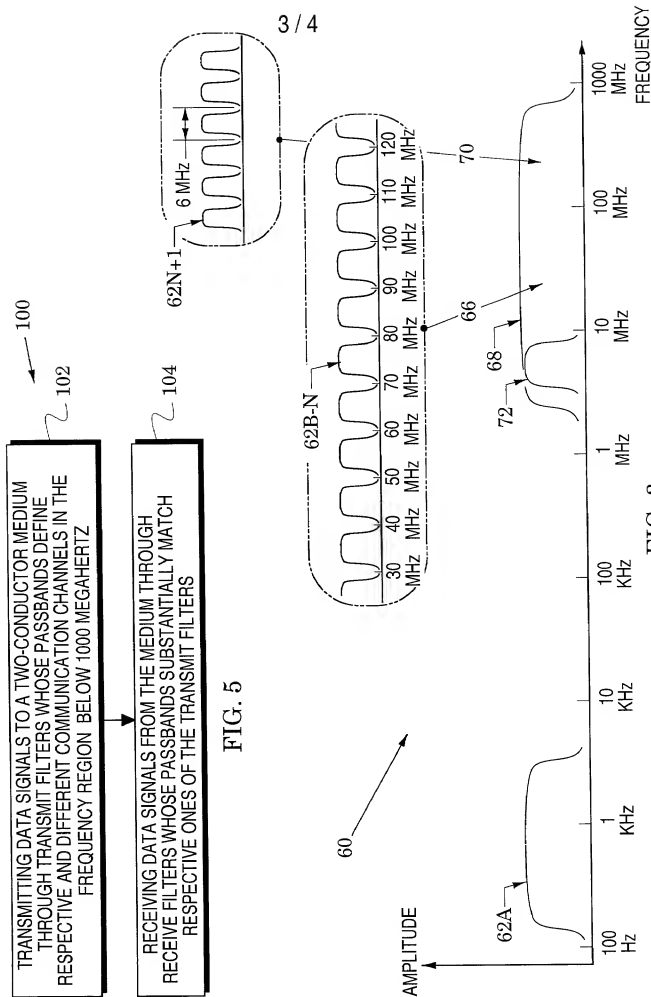


FIG. 3

TRANSMITTING DATA SIGNALS TO A TWO-CONDUCTOR MEDIUM  
THROUGH TRANSMIT FILTERS WHOSE PASSBANDS DEFINE  
RESPECTIVE AND DIFFERENT COMMUNICATION CHANNELS IN THE  
FREQUENCY REGION BELOW 1000 MEGAHERTZ

RECEIVING DATA SIGNALS FROM THE MEDIUM THROUGH  
RECEIVE FILTERS WHOSE PASSBANDS SUBSTANTIALLY MATCH  
RESPECTIVE ONES OF THE TRANSMIT FILTERS

FIG. 5

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60

62B-N

62N+1

104

100

102

AMPLITUDE

62A

66

68

72

70

100  
Hz

1  
kHz

10  
kHz

100  
kHz

1  
MHz

10  
MHz

100  
MHz

1000  
MHz

FREQUENCY

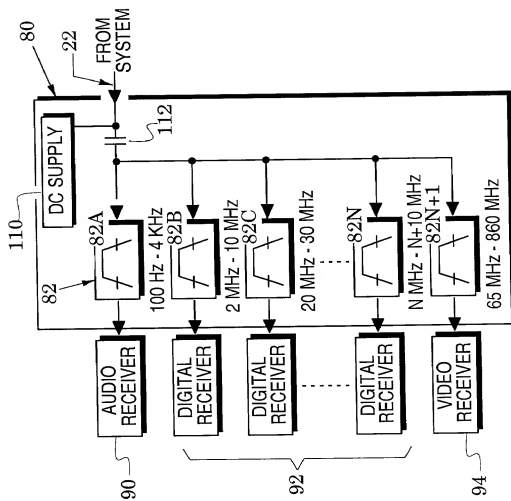


FIG. 4